

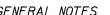
CONTRACT #87368 \*05-00626-00-BR

**GENERAL NOTES** 

For Soil Boring Logs, See Sheet #'s 21 & 22 of 22. For Existing Structure Plans, See Special Provisions. Reinforcement Bars shall conform to the requirements of ASTM A706 Grade 60.

Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

washers and pintles shall be galvanized according to AASHTO M111 or M232



The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at the substructures specified or approved by the Engineer before ordering the remainder of the piles.

See Special Provisions.

Reinforcement Bars designated (E) shall be epoxy coated.

Backfill with uncompacted porous granular embankment (Special) by Bridge Contractor after superstructure is in

place. Limits shall be 1'-0" from the end of each wingwall

'/. '.' Approach Pavement

<u>\*Drainage</u>

Aggregate

\*4" | Perforated

-Bk, of Abut.

- € Abut.

\*Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend to 2'-0" from
the end of each wingwall except an outlet pipe shall extend

SECTION THRU ABUTMENTS (Horiz, dim, @ Rt, L's)

until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)

-Bottom of Cap

\*Geotechnical Fabric

Excavation for placing Porous Granular

Embankment (Special) is paid for as Structure

for French Drains

Geocomposite Wall Drain

Constr. Jt.-

36" PPC I-Bear

Stone Riprap Class A5

*∟Filter Fabric* 

Constr. Jt.

Piles -

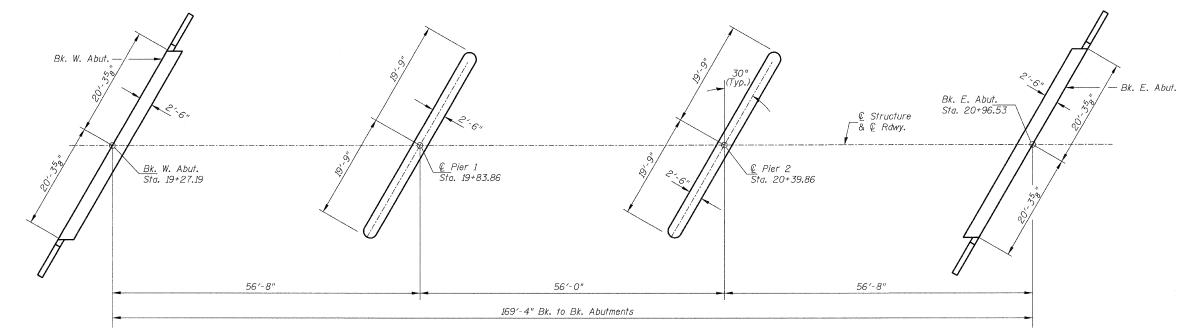
All embedded and seperate bearing plates, side retainers, anchor bolts, nuts, (as applicable).

Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

## TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
1	Removal of Existing Structures	EACH			1
	Channel Excavation	CU YD		2,620	2,620
	Structure Excavation	CU YD		125	125
	Rock Excavation	CU YD		10	10
	Concrete Structures	CU YD		237.7	237.7
	Concrete Superstructure	CU YD	230.1		230.1
	Bridge Deck Grooving	SQ YD	770		770
	Protective Coat	SQ YD	969		969
	Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36 in.	F00T	999	***************************************	999
1	Reinforcement Bars, Epoxy Coated	POUND	46,420	17,710	64,130
	Name Plates	EACH	1		1
	Furnishing Steel Piles HP10x42	F00T		245	245
	Test Pile Steel HP10x42	EACH		2	2
	Furnishing Steel Piles HP12x63	FOOT		504	504
	Driving Piles	FOOT		245	2 <b>4</b> 5
	Pile Shoes	EACH		12	12
1	Setting Piles in Rock	EACH		16	16
<u>(1)</u>	Porous Granular Embankment, Special	CU YD		127	127
	Pipe Underdrains for Structures 4"	FOOT		150	150
	Geocomposite Wall Drain	SQ YD		67	67
	Concrete Encasement	CU YD		4.2	4.2
	Stone Riprap, Class A5	SQ YD		825	825
	Filter Fabric	SQ YD		1,225	1,225
	Anchor Bolts, 1 <sup>l</sup> <sub>4</sub> "φ	EACH		8	8
1	Underwater Structure Excavation Protection, Location 1 (Pier #1)	EACH		1	1
1	Underwater Structure Excavation Protection, Location 2 (Pier #2)	EACH		1	1
	Bar Splicers	EACH	68		68
	Bridge Approach Pavement	SQ YD			222
1	Relocate Existing Riprap	SQ YD		400	400

(1) See Special Provisions



FOOTING LAYOUT

FOOTING LAYOUT, GENERAL NOTES, DETAILS, & BILL OF MATERIALS